

Figure 1. The effect of the concentration of the H_2O_2 solution on the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel. The amount of the released H_2O_2 was measured by the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel. The amount of the released H_2O_2 was measured by the amount of the released H_2O_2 from the H_2O_2 -loaded hydrogel.

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2
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Title:	US-09-423-100-1
Portfolio score:	260

References

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Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

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Let N_{ij} be the number of results predicted by chance to have a score between i and j of the score of the results being predicted and is derived by analysis of the total score distribution.

1000

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)	(56)	(57)	(58)	(59)	(60)	(61)	(62)	(63)	(64)	(65)	(66)	(67)	(68)	(69)	(70)	(71)	(72)	(73)	(74)	(75)	(76)	(77)	(78)	(79)	(80)	(81)	(82)	(83)	(84)	(85)	(86)	(87)	(88)	(89)	(90)	(91)	(92)	(93)	(94)	(95)	(96)	(97)	(98)	(99)	(100)
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Applicant	Year	Country	Age	Gender	Marital Status	Education	Occupation	Income	Assets	Liabilities	Net Worth	Debt-to-Income Ratio	Debt-to-Assets Ratio	Debt-to-Equity Ratio	Debt-to-Capital Ratio	Debt-to-Net Worth Ratio	Debt-to-Total Assets Ratio	Debt-to-Total Liabilities Ratio	Debt-to-Total Assets and Liabilities Ratio	Debt-to-Total Assets and Liabilities and Net Worth Ratio
1	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	0.67
2	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
3	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
4	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
5	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
6	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
7	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
8	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
9	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
10	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
11	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
12	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
13	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
14	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
15	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
16	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
17	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
18	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
19	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000	0.67	0.50	0.67	0.67	0.67	0.67	0.67	0.67	
20	2010	USA	35	M	Married	High School	Unemployed	\$15,000	\$10,000	\$5,000	\$10,000									

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

α	β	γ	δ	ϵ	ζ	η	θ	ι	κ	λ	μ	ν	ξ	\omicron	π	ρ	σ	τ	υ	ϕ	χ	ψ	ω
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

[illegible][illegible]

Run	Time	Temp	Pressure	Flow	Conc	Yield	Notes
1	10	100	100	10	10	10	Initial run
2	20	100	100	10	10	10	Stable
3	30	100	100	10	10	10	Stable
4	40	100	100	10	10	10	Stable
5	50	100	100	10	10	10	Stable
6	60	100	100	10	10	10	Stable
7	70	100	100	10	10	10	Stable
8	80	100	100	10	10	10	Stable
9	90	100	100	10	10	10	Stable
10	100	100	100	10	10	10	Stable

[illegible][illegible]

Case	Age	Sex	Duration of illness	Onset	Course	Outcome	Remarks
1	10	M	10 days	Acute	Recovery	Good	First case
2	12	F	15 days	Acute	Recovery	Good	Second case
3	14	M	20 days	Acute	Recovery	Good	Third case
4	16	F	25 days	Acute	Recovery	Good	Fourth case
5	18	M	30 days	Acute	Recovery	Good	Fifth case
6	20	F	35 days	Acute	Recovery	Good	Sixth case
7	22	M	40 days	Acute	Recovery	Good	Seventh case
8	24	F	45 days	Acute	Recovery	Good	Eighth case
9	26	M	50 days	Acute	Recovery	Good	Ninth case
10	28	F	55 days	Acute	Recovery	Good	Tenth case
11	30	M	60 days	Acute	Recovery	Good	Eleventh case
12	32	F	65 days	Acute	Recovery	Good	Twelfth case
13	34	M	70 days	Acute	Recovery	Good	Thirteenth case
14	36	F	75 days	Acute	Recovery	Good	Fourteenth case
15	38	M	80 days	Acute	Recovery	Good	Fifteenth case
16	40	F	85 days	Acute	Recovery	Good	Sixteenth case
17	42	M	90 days	Acute	Recovery	Good	Seventeenth case
18	44	F	95 days	Acute	Recovery	Good	Eighteenth case
19	46	M	100 days	Acute	Recovery	Good	Nineteenth case
20	48	F	105 days	Acute	Recovery	Good	Twentieth case

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Figure 1 illustrates the experimental setup. A subject is seated at a table, looking at a video screen. A camera is positioned above the screen to record the subject's behavior. A light source is positioned to the left of the screen. A scale bar is shown below the screen. The diagram is labeled with 'Subject', 'Video Screen', 'Camera', 'Light Source', and 'Scale Bar'.

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Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

1. *Adaptation* – the process by which an organism becomes better suited to its environment.

1. $\frac{1}{x^2} = x^{-2}$
 $\frac{d}{dx} x^{-2} = -2x^{-3} = -\frac{2}{x^3}$
 $\frac{d}{dx} \frac{1}{x^2} = -\frac{2}{x^3}$
 2. $\frac{1}{x^3} = x^{-3}$
 $\frac{d}{dx} x^{-3} = -3x^{-4} = -\frac{3}{x^4}$
 $\frac{d}{dx} \frac{1}{x^3} = -\frac{3}{x^4}$
 3. $\frac{1}{x^4} = x^{-4}$
 $\frac{d}{dx} x^{-4} = -4x^{-5} = -\frac{4}{x^5}$
 $\frac{d}{dx} \frac{1}{x^4} = -\frac{4}{x^5}$
 4. $\frac{1}{x^5} = x^{-5}$
 $\frac{d}{dx} x^{-5} = -5x^{-6} = -\frac{5}{x^6}$
 $\frac{d}{dx} \frac{1}{x^5} = -\frac{5}{x^6}$
 5. $\frac{1}{x^6} = x^{-6}$
 $\frac{d}{dx} x^{-6} = -6x^{-7} = -\frac{6}{x^7}$
 $\frac{d}{dx} \frac{1}{x^6} = -\frac{6}{x^7}$
 6. $\frac{1}{x^7} = x^{-7}$
 $\frac{d}{dx} x^{-7} = -7x^{-8} = -\frac{7}{x^8}$
 $\frac{d}{dx} \frac{1}{x^7} = -\frac{7}{x^8}$
 7. $\frac{1}{x^8} = x^{-8}$
 $\frac{d}{dx} x^{-8} = -8x^{-9} = -\frac{8}{x^9}$
 $\frac{d}{dx} \frac{1}{x^8} = -\frac{8}{x^9}$
 8. $\frac{1}{x^9} = x^{-9}$
 $\frac{d}{dx} x^{-9} = -9x^{-10} = -\frac{9}{x^{10}}$
 $\frac{d}{dx} \frac{1}{x^9} = -\frac{9}{x^{10}}$
 9. $\frac{1}{x^{10}} = x^{-10}$
 $\frac{d}{dx} x^{-10} = -10x^{-11} = -\frac{10}{x^{11}}$
 $\frac{d}{dx} \frac{1}{x^{10}} = -\frac{10}{x^{11}}$
 10. $\frac{1}{x^{11}} = x^{-11}$
 $\frac{d}{dx} x^{-11} = -11x^{-12} = -\frac{11}{x^{12}}$
 $\frac{d}{dx} \frac{1}{x^{11}} = -\frac{11}{x^{12}}$
 11. $\frac{1}{x^{12}} = x^{-12}$
 $\frac{d}{dx} x^{-12} = -12x^{-13} = -\frac{12}{x^{13}}$
 $\frac{d}{dx} \frac{1}{x^{12}} = -\frac{12}{x^{13}}$
 12. $\frac{1}{x^{13}} = x^{-13}$
 $\frac{d}{dx} x^{-13} = -13x^{-14} = -\frac{13}{x^{14}}$
 $\frac{d}{dx} \frac{1}{x^{13}} = -\frac{13}{x^{14}}$
 13. $\frac{1}{x^{14}} = x^{-14}$
 $\frac{d}{dx} x^{-14} = -14x^{-15} = -\frac{14}{x^{15}}$
 $\frac{d}{dx} \frac{1}{x^{14}} = -\frac{14}{x^{15}}$
 14. $\frac{1}{x^{15}} = x^{-15}$
 $\frac{d}{dx} x^{-15} = -15x^{-16} = -\frac{15}{x^{16}}$
 $\frac{d}{dx} \frac{1}{x^{15}} = -\frac{15}{x^{16}}$
 15. $\frac{1}{x^{16}} = x^{-16}$
 $\frac{d}{dx} x^{-16} = -16x^{-17} = -\frac{16}{x^{17}}$
 $\frac{d}{dx} \frac{1}{x^{16}} = -\frac{16}{x^{17}}$
 16. $\frac{1}{x^{17}} = x^{-17}$
 $\frac{d}{dx} x^{-17} = -17x^{-18} = -\frac{17}{x^{18}}$
 $\frac{d}{dx} \frac{1}{x^{17}} = -\frac{17}{x^{18}}$
 17. $\frac{1}{x^{18}} = x^{-18}$
 $\frac{d}{dx} x^{-18} = -18x^{-19} = -\frac{18}{x^{19}}$
 $\frac{d}{dx} \frac{1}{x^{18}} = -\frac{18}{x^{19}}$
 18. $\frac{1}{x^{19}} = x^{-19}$
 $\frac{d}{dx} x^{-19} = -19x^{-20} = -\frac{19}{x^{20}}$
 $\frac{d}{dx} \frac{1}{x^{19}} = -\frac{19}{x^{20}}$
 19. $\frac{1}{x^{20}} = x^{-20}$
 $\frac{d}{dx} x^{-20} = -20x^{-21} = -\frac{20}{x^{21}}$
 $\frac{d}{dx} \frac{1}{x^{20}} = -\frac{20}{x^{21}}$
 20. $\frac{1}{x^{21}} = x^{-21}$
 $\frac{d}{dx} x^{-21} = -21x^{-22} = -\frac{21}{x^{22}}$
 $\frac{d}{dx} \frac{1}{x^{21}} = -\frac{21}{x^{22}}$
 21. $\frac{1}{x^{22}} = x^{-22}$
 $\frac{d}{dx} x^{-22} = -22x^{-23} = -\frac{22}{x^{23}}$
 $\frac{d}{dx} \frac{1}{x^{22}} = -\frac{22}{x^{23}}$
 22. $\frac{1}{x^{23}} = x^{-23}$
 $\frac{d}{dx} x^{-23} = -23x^{-24} = -\frac{23}{x^{24}}$
 $\frac{d}{dx} \frac{1}{x^{23}} = -\frac{23}{x^{24}}$
 23. $\frac{1}{x^{24}} = x^{-24}$
 $\frac{d}{dx} x^{-24} = -24x^{-25} = -\frac{24}{x^{25}}$
 $\frac{d}{dx} \frac{1}{x^{24}} = -\frac{24}{x^{25}}$
 24. $\frac{1}{x^{25}} = x^{-25}$
 $\frac{d}{dx} x^{-25} = -25x^{-26} = -\frac{25}{x^{26}}$
 $\frac{d}{dx} \frac{1}{x^{25}} = -\frac{25}{x^{26}}$
 25. $\frac{1}{x^{26}} = x^{-26}$
 $\frac{d}{dx} x^{-26} = -26x^{-27} = -\frac{26}{x^{27}}$
 $\frac{d}{dx} \frac{1}{x^{26}} = -\frac{26}{x^{27}}$
 26. $\frac{1}{x^{27}} = x^{-27}$
 $\frac{d}{dx} x^{-27} = -27x^{-28} = -\frac{27}{x^{28}}$
 $\frac{d}{dx} \frac{1}{x^{27}} = -\frac{27}{x^{28}}$
 27. $\frac{1}{x^{28}} = x^{-28}$
 $\frac{d}{dx} x^{-28} = -28x^{-29} = -\frac{28}{x^{29}}$
 $\frac{d}{dx} \frac{1}{x^{28}} = -\frac{28}{x^{29}}$
 28. $\frac{1}{x^{29}} = x^{-29}$
 $\frac{d}{dx} x^{-29} = -29x^{-30} = -\frac{29}{x^{30}}$
 $\frac{d}{dx} \frac{1}{x^{29}} = -\frac{29}{x^{30}}$
 29. $\frac{1}{x^{30}} = x^{-30}$
 $\frac{d}{dx} x^{-30} = -30x^{-31} = -\frac{30}{x^{31}}$
 $\frac{d}{dx} \frac{1}{x^{30}} = -\frac{30}{x^{31}}$
 30. $\frac{1}{x^{31}} = x^{-31}$
 $\frac{d}{dx} x^{-31} = -31x^{-32} = -\frac{31}{x^{32}}$
 $\frac{d}{dx} \frac{1}{x^{31}} = -\frac{31}{x^{32}}$
 31. $\frac{1}{x^{32}} = x^{-32}$
 $\frac{d}{dx} x^{-32} = -32x^{-33} = -\frac{32}{x^{33}}$
 $\frac{d}{dx} \frac{1}{x^{32}} = -\frac{32}{x^{33}}$
 32. $\frac{1}{x^{33}} = x^{-33}$
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 $\frac{d}{dx} \frac{1}{x^{33}} = -\frac{33}{x^{34}}$
 33. $\frac{1}{x^{34}} = x^{-34}$
 $\frac{d}{dx} x^{-34} = -34x^{-35} = -\frac{34}{x^{35}}$
 $\frac{d}{dx} \frac{1}{x^{34}} = -\frac{34}{x^{35}}$
 34. $\frac{1}{x^{35}} = x^{-35}$
 $\frac{d}{dx} x^{-35} = -35x^{-36} = -\frac{35}{x^{36}}$
 $\frac{d}{dx} \frac{1}{x^{35}} = -\frac{35}{x^{36}}$
 35. $\frac{1}{x^{36}} = x^{-36}$
 $\frac{d}{dx} x^{-36} = -36x^{-37} = -\frac{36}{x^{37}}$
 $\frac{d}{dx} \frac{1}{x^{36}} = -\frac{36}{x^{37}}$
 36. $\frac{1}{x^{37}} = x^{-37}$
 $\frac{d}{dx} x^{-37} = -37x^{-38} = -\frac{37}{x^{38}}$
 $\frac{d}{dx} \frac{1}{x^{37}} = -\frac{37}{x^{38}}$
 37. $\frac{1}{x^{38}} = x^{-38}$
 $\frac{d}{dx} x^{-38} = -38x^{-39} = -\frac{38}{x^{39}}$
 $\frac{d}{dx} \frac{1}{x^{38}} = -\frac{38}{x^{39}}$
 38. $\frac{1}{x^{39}} = x^{-39}$
 $\frac{d}{dx} x^{-39} = -39x^{-40} = -\frac{39}{x^{40}}$
 $\frac{d}{dx} \frac{1}{x^{39}} = -\frac{39}{x^{40}}$
 39. $\frac{1}{x^{40}} = x^{-40}$
 $\frac{d}{dx} x^{-40} = -40x^{-41} = -\frac{40}{x^{41}}$
 $\frac{d}{dx} \frac{1}{x^{40}} = -\frac{40}{x^{41}}$
 40. $\frac{1}{x^{41}} = x^{-41}$
 $\frac{d}{dx} x^{-41} = -4$

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A **B** **C** **D** **E** **F** **G** **H** **I** **J** **K** **L** **M** **N** **O** **P** **Q** **R** **S** **T** **U** **V** **W** **X** **Y** **Z**

Journal of Management Education 30(6)p.789-804
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NAME: _____

Figure 1 consists of four panels (A, B, C, D) of Western blot analysis. Each panel shows protein levels in H1299 cells under different conditions. Molecular weight markers are indicated on the left of each panel.

- Panel A:** GAPDH (loading control) and p53 (target protein) levels. GAPDH is at 36 kDa, and p53 is at 53 kDa.
- Panel B:** p53 and p21 levels. p53 is at 53 kDa, and p21 is at 26 kDa.
- Panel C:** p53 and p21 levels. p53 is at 53 kDa, and p21 is at 26 kDa.
- Panel D:** p53 and p21 levels. p53 is at 53 kDa, and p21 is at 26 kDa.

NAME: KIRKWOOD
 MR. N. J. WOOD
 PATE, 1000 N. 1000
 VANDY, 1000 N. 1000
 LEE, 1000 N. 1000
 SR. N. 1000 N. 1000

LIST OF INVENTION: Process for preparing recombinant proteins using host
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10-26-1994 (10-26-94) at the "recombinant" host NIE-210, fused to
 22 native, active domain and other regions described, and can be
 23 released from the fusion protein by treatment with Thrombin (see
 24 ANV4267, ANV4268, ANV4269).

25 Sequence: 140 AA:

Query Match: 100.0% Score: 250.00 E-156 Length: 140
 26 Host Local Similarity: 100.0% Pos: 140/140
 27 Match: 497 Conserved: 00 Misordered: 00 Indels: 00

1 MEF114SPSPENAMFAHRLHAIIVYHHEAVTKEKYSLSNF 49
 2 I MEF114SPSPENAMFAHRLHAIIVYHHEAVTKEKYSLSNF 49

RESULT 1
 ANV4267

10 ANV4267 standard: protein: 170 AA:

ANV4267:

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

Insulin precursor: growth hormone: chaperone: 141 amino acids
 24 141 amino acids: 141 amino acids: 141 amino acids: 141 amino acids

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

Now object to protein containing human growth hormone treatment, used
 particularly for the preparation of human insulin

Claim 14: Page 50-51: 40pp: English

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71
 23 Native Protein: SW: 11-71
 24 Native Protein: SW: 11-71
 25 Native Protein: SW: 11-71
 26 Native Protein: SW: 11-71
 27 Native Protein: SW: 11-71
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 98 Native Protein: SW: 11-71
 99 Native Protein: SW: 11-71
 100 Native Protein: SW: 11-71

XX Sequence: 140 AA:

Query Match: 100.0% Score: 250.00 E-156 Length: 140
 26 Host Local Similarity: 100.0% Pos: 140/140
 27 Match: 497 Conserved: 00 Misordered: 00 Indels: 00

1 MEF114SPSPENAMFAHRLHAIIVYHHEAVTKEKYSLSNF 49
 2 I MEF114SPSPENAMFAHRLHAIIVYHHEAVTKEKYSLSNF 49

RESULT 2
 ANV4268

10 ANV4268 standard: protein: 170 AA:

ANV4268:

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

Insulin precursor: growth hormone: chaperone: 141 amino acids
 24 141 amino acids: 141 amino acids: 141 amino acids: 141 amino acids

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71

Now object to protein containing human growth hormone treatment, used
 particularly for the preparation of human insulin

Claim 14: Page 50-51: 40pp: English

10-26-1994 (10-26-94)
 22 Native Protein: SW: 11-71
 23 Native Protein: SW: 11-71
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Report File: 2003-02-05-11-11

Report Title: FBI Search Report for US-09-423-100-2
Report Date: 02/05/2003 12:53:17
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Report Date: 02/05/2003 12:53:17
Report File: 2003-02-05-11-11

Report Title:

Report Title: FBI Search Report for US-09-423-100-2
Report Date: 02/05/2003 12:53:17
Report File: 2003-02-05-11-11

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$$f_{\text{eff}} = f_0 \left(1 - \frac{\alpha}{\beta} \right) \quad (7)$$
[illegible]

File: 05-09-423-100-4
 Perfect Score: 463
 The following information was obtained from the records of the Department of Corrections:

[illegible][illegible][illegible]

Database : SwissProt_40:*

Proof. Note that the number of regions is proportional to $\text{Area}(\mathcal{R})$ and $\text{Area}(\mathcal{R})$ is proportional to the square of the radius. The proof is proved by dividing the total square distribution.

31 MAY 1997

[illegible][illegible]

- [illegible]

- 1X VASILAKAKIS, A. *Chem. Ber.* **107**, 1037 (1974).
 2X HEDGECOCK, J. C. *Chem. Ber.* **107**, 1037 (1974).
 3A SAKURA, H., IIMOTO, Y., SAKURADA, Y., KATO, T., HIRATA, H.,
 4I "Structurally abnormal insulin in a diabetic patient: Their properties
 5I of the mutant insulin A3 (Val¹⁰ → Asp) is different from the pancreatic
 6I insulin." *Chem. Ber.* **107**, 1037 (1974).
 7N
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 11N VALLANI, R. *et al.*
 12N MULTIPLE SITE-177. *Publ. no. 2,676,772*.
 13N In patent file, Watson N., Katschek, L., Poma A., Ascoli, D., and R. H.
 14A Borsini, U.S.A. (1974).
 15A Borsini, U.S.A. (1974). Site 177. In "The Chemistry of Insulin,"
 16I Ed. by H. H. Gunther, S. Patai, and J. R. H. Wood, Interscience,
 17I London, 1974, pp. 1-10.
 18I "The amino acid sequence of the insulin A chain is identical to that
 19I of the insulin B chain, but the histidine at position 17 is replaced
 20I by a proline in the mutant insulin A3 (Val¹⁰ → Asp). The mutant
 21I insulin is biologically inactive. It is not clear if the mutant is a direct
 22I sequencer of a specific diacylglycerol and/or if it is produced by post-trans-
 23I lation." *Chem. Ber.* **107**, 1037 (1974).
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 4. EMAIL: [REDACTED]
 5. OCCUPATION: [REDACTED]
 6. EDUCATION: [REDACTED]
 7. MARITAL STATUS: [REDACTED]
 8. CHILDREN: [REDACTED]
 9. PARENTS: [REDACTED]
 10. SIBLINGS: [REDACTED]
 11. RELIGION: [REDACTED]
 12. ETHNICITY: [REDACTED]
 13. NATIONALITY: [REDACTED]
 14. CURRENT RESIDENCE: [REDACTED]
 15. PERMANENT RESIDENCE: [REDACTED]
 16. TRAVEL HISTORY: [REDACTED]
 17. EMPLOYMENT HISTORY: [REDACTED]
 18. EDUCATIONAL HISTORY: [REDACTED]
 19. MILITARY SERVICE: [REDACTED]
 20. CRIMINAL RECORD: [REDACTED]
 21. PSYCHIATRIC HISTORY: [REDACTED]
 22. SUBSTANCE ABUSE HISTORY: [REDACTED]
 23. ADDITIONAL INFORMATION: [REDACTED]

1. NAME: [REDACTED] DOB: [REDACTED] SEX: [REDACTED]
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 4. EMAIL: [REDACTED]
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 14. CURRENT RESIDENCE: [REDACTED]
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 17. EMPLOYMENT HISTORY: [REDACTED]
 18. EDUCATIONAL HISTORY: [REDACTED]
 19. MILITARY SERVICE: [REDACTED]
 20. CRIMINAL RECORD: [REDACTED]
 21. PSYCHIATRIC HISTORY: [REDACTED]
 22. SUBSTANCE ABUSE HISTORY: [REDACTED]
 23. ADDITIONAL INFORMATION: [REDACTED]

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SUMMARY

US-09-423-100-4

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Sequence position 5118

Accession (s) 1993-2003 Comparison 1993

W. Proteob. proteob. search, using SW model

February 5, 2004, 12:42:24 : Search time 4.05 seconds

(without alignments)

402,279 Million cell updates/Sec

Title: US-09-423-100-5

Perfect score: 294

Sequence: 1 EVN001255HVEALVW3.....LV607152VAVLWNTN 52

Search target: 10,50000

Gap of 1.00, Expect 0.5

Search target: 112892 seqs, 4179,528 positions

Search target: 112892

Minimum gap length: 0

Maximum gap length: 200000000

Post processing: Minimum Match 0%

Listing first 45 summaries

Database: SWISSPROT_40:*

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB	ID	Description
1	278.5	94.00	51	1	INS_BA11H	pol312 helicase
2	277.4	93.00	51	1	INS_BA11H	pol312 helicase
3	276.5	91.3	51	1	INS_A015A	pol324 helicase
4	267	90.8	110	1	INS_C015A	pol324 helicase
5	267	90.8	110	1	INS_C015A	pol324 helicase
6	267	90.8	110	1	INS_C015A	pol324 helicase
7	267	90.8	110	1	INS_C015A	pol324 helicase
8	267	90.8	110	1	INS_C015A	pol324 helicase
9	267	90.8	110	1	INS_C015A	pol324 helicase
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11	267	90.8	110	1	INS_C015A	pol324 helicase
12	267	90.8	110	1	INS_C015A	pol324 helicase
13	267	90.8	110	1	INS_C015A	pol324 helicase
14	267	90.8	110	1	INS_C015A	pol324 helicase
15	267	90.8	110	1	INS_C015A	pol324 helicase
16	267	90.8	110	1	INS_C015A	pol324 helicase
17	267	90.8	110	1	INS_C015A	pol324 helicase
18	267	90.8	110	1	INS_C015A	pol324 helicase
19	267	90.8	110	1	INS_C015A	pol324 helicase
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21	267	90.8	110	1	INS_C015A	pol324 helicase
22	267	90.8	110	1	INS_C015A	pol324 helicase
23	267	90.8	110	1	INS_C015A	pol324 helicase
24	267	90.8	110	1	INS_C015A	pol324 helicase
25	267	90.8	110	1	INS_C015A	pol324 helicase
26	267	90.8	110	1	INS_C015A	pol324 helicase
27	267	90.8	110	1	INS_C015A	pol324 helicase
28	267	90.8	110	1	INS_C015A	pol324 helicase
29	267	90.8	110	1	INS_C015A	pol324 helicase
30	267	90.8	110	1	INS_C015A	pol324 helicase
31	267	90.8	110	1	INS_C015A	pol324 helicase
32	267	90.8	110	1	INS_C015A	pol324 helicase
33	267	90.8	110	1	INS_C015A	pol324 helicase
34	267	90.8	110	1	INS_C015A	pol324 helicase
35	267	90.8	110	1	INS_C015A	pol324 helicase
36	267	90.8	110	1	INS_C015A	pol324 helicase
37	267	90.8	110	1	INS_C015A	pol324 helicase
38	267	90.8	110	1	INS_C015A	pol324 helicase
39	267	90.8	110	1	INS_C015A	pol324 helicase
40	267	90.8	110	1	INS_C015A	pol324 helicase
41	267	90.8	110	1	INS_C015A	pol324 helicase
42	267	90.8	110	1	INS_C015A	pol324 helicase
43	267	90.8	110	1	INS_C015A	pol324 helicase
44	267	90.8	110	1	INS_C015A	pol324 helicase
45	267	90.8	110	1	INS_C015A	pol324 helicase

ALL INSERIONS

Result ID	INS_BA11H	START	END	DB	Description
1	INS_BA11H	1	51	1	pol312 helicase
2	INS_BA11H	1	51	1	pol312 helicase
3	INS_BA11H	1	51	1	pol312 helicase
4	INS_BA11H	1	51	1	pol312 helicase
5	INS_BA11H	1	51	1	pol312 helicase
6	INS_BA11H	1	51	1	pol312 helicase
7	INS_BA11H	1	51	1	pol312 helicase
8	INS_BA11H	1	51	1	pol312 helicase
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10	INS_BA11H	1	51	1	pol312 helicase
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101 assignment of a specific amino acid to a specific position in the protein.
 102 "Sequence of the proinsulin gene in the human population." (The proinsulin gene sequence is 1417 and 918 bp of human proinsulin cDNA).
 103 Kozak, M. J. Cell 62:23-32 (1990).
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PRIOR APPLICATION NUMBER: JP 2000 174491

PRIOR FILING DATE: 2000-06-12

NUMBER OF SEQ. ID NOS: 2

SOFTWARE: Patent to version 1.1

SEQ. ID NO: 1

LENGTH: 86

TYPE: TRN

ORIGIN: Homo sapiens

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SEQUENCE TYPE: cDNA

ORIGIN: Homo sapiens

SOFTWARE: Patent to version 1.1

SEQ. ID NO: 1

LENGTH: 86

TYPE: TRN

ORIGIN: Homo sapiens

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